

SCAG Scenario Planning Model Phase I Integration

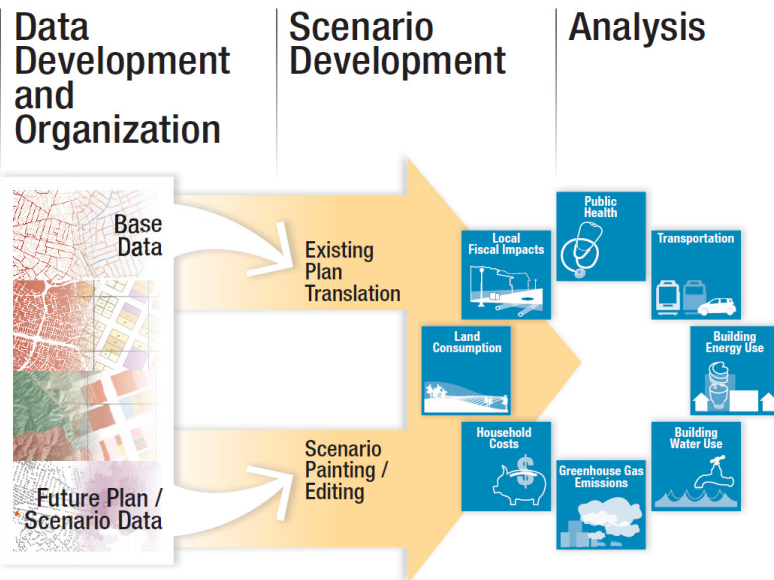


SCAG SPM External Working Group
21 August 2013

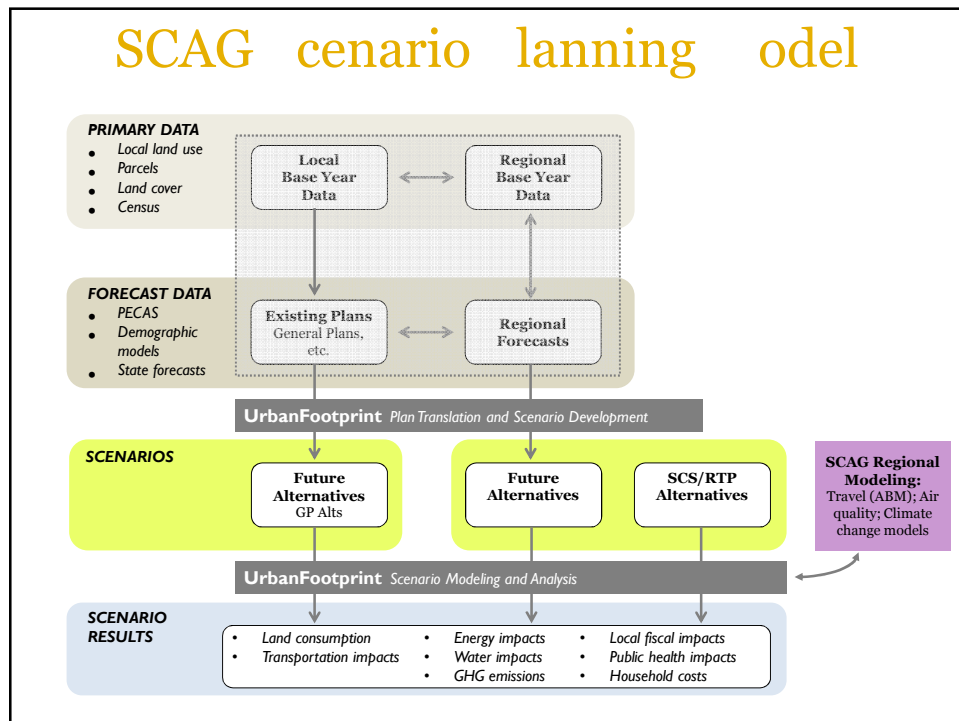
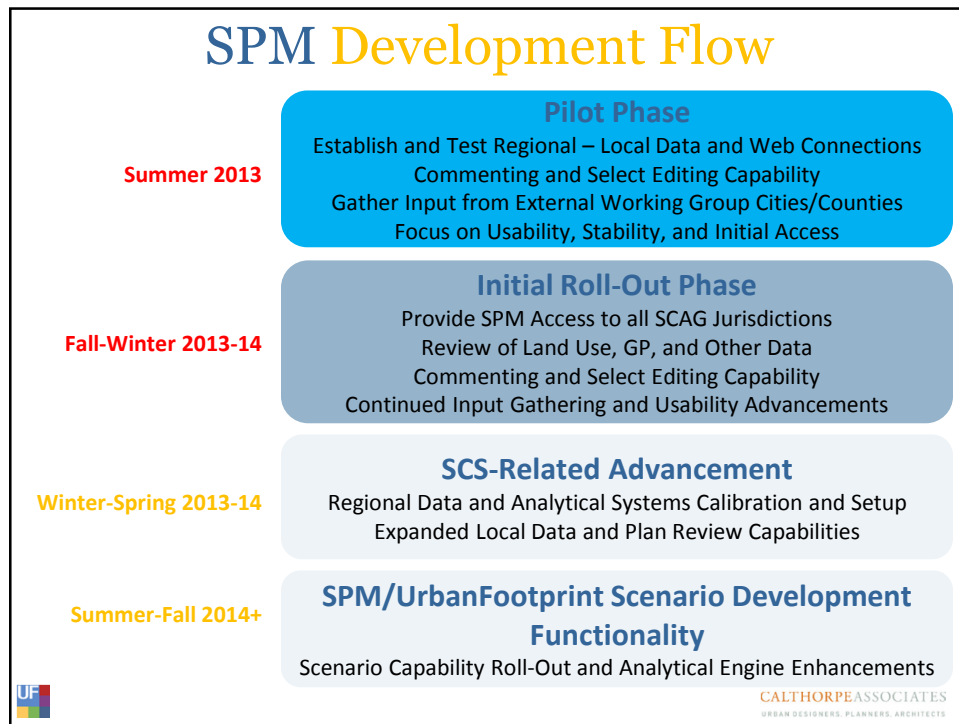


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UrbanFootprint Scenario Ecosystem



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UrbanFootprint Projects



Scenario Modeling Platform for 2016 RTP/SCS

- Base Year/Primary Parcel Editing Tools
- Transition from Grid to Parcels
- Rural Urban Connections (RUCS) Integration
- User Interface Enhancements/Software Upgrades



Scenario Modeling Platform for 2015 RTP/SCS

- Future Scenario Development Functionality
- SCS Alternative Development and Modeling
- User Interface Enhancements/Software Upgrades



Scenario Modeling Platform for 2016 RTP/SCS

- Links to Local Governments
- Use in Local Input Process
- Multi-User Access and Systems
- User Interface Enhancements/Software Upgrades



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Version 1.1 Open Source Software Stack



Mapping/Display

Polymaps
Mapnik
d3

Data Delivery & Queuing

Celery-Redis Queue
Tilestache

Database, Analysis, UI

SproutCore
Postgresql-PostGIS
Python – Django - Apache

Operating System

Ubuntu Linux



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Web-Based User Interface

Cloud-Based
Web Interface

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UrbanFootprint

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